

## Claims

[c1] What is claimed is:

1. An elastomer suspension system skateboard truck comprising

a. A hanger including a fundamental body with a semicircular through-holed aperture yoke, single horizontal axle, including threaded end portions which extend outward from the terminal ends of the hanger for means of attaching wheels, and extending outwardly and perpendicular from the fundamental body of the hanger is a pivot post, which inserts into the base plate.

b. The base plate including two elevated elastomer shock absorbing mounting platforms which are opposite and equidistant from the center line of the baseplate, where each elevated elastomer shock absorber mounting platform consists of a single raised conically shaped elastomer shock absorber mounting stud for securing the elastomer shock absorbers to the base plate.

c. Elastomer shock absorbers which are cylindrical along their vertical axis and being spherically formed at their midpoint, having definite conically shaped open and opposite ends for

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attaching one end to the hanger and opposite end to the base plate.

[c2] 2. The skateboard truck of claim 1, upon the fundamental body of the hanger are single raised conically shaped shock absorber mounting studs central to the circular recessed elastomer shock absorber retention cutouts, which are equidistant and on opposite ends of the hanger.

[c3] 3. The skateboard truck of claim 2, where the semicircular through-holed yoke, extending perpendicular from the posterior side of the fundamental body of the hanger, will accept a threaded king pin for securing the hanger to the base plate..

[c4] 4. The skateboard truck of claim 3, where the king pin will be inserted and rotated through the bottom elastomer bushing retention washer and bottom elastomer bushing, through the semicircular through-holed aperture yoke into the top elastomer bushing and top elastomer bushing

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retention washer, terminating in the raised through-holed attachment socket and secured with a threaded hexagonal jam nut.

[c5] 5. The skateboard truck of claim 4, where central to the anterior portion of the base plate will be a recessed socket consisting of an elastomer cup, where the pivot post of the hanger will engage the base plate producing pivot joint.

[c6] 6. The skateboard truck of claim 1, in which six through holes shall be machined drilled, one located in each corner of the posterior end of the base plate and two through holes in each corner of the anterior end of the base plate for securing the skateboard truck assembly to a skateboard deck.

[c7] 7. The skateboard truck of claim 1, where the elastomer shock absorbers are cylindrically shaped along their vertical axis, being spherical in shape at the midpoint and open at either end with mounting orifices for inserting the elastomer shock absorber over the raised conically shaped elastomer shock absorber mounting

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studs located on both the hanger and base plate.

[c8] 8. The skateboard truck of claim 7, shall have the mounting orifice of one end of an elastomer shock absorber inserted over and mounted to the raised conically shaped shock absorber mounting stud that is situated on one of the elevated elastomer shock absorber mounting platforms of the base plate.

[c9] 9. The skateboard truck of claim 8, shall have the mounting orifice of one end of another elastomer shock absorber inserted over the raised conically shaped elastomer shock absorber mounting stud that is situated on the opposite elevated elastomer shock absorber mounting platform of the base plate.

[c10] 10. The skateboard truck of claim 8, where the opposite mounting orifice of the elastomer shock absorber shall be inserted over and mounted to the raised conically shaped elastomer shock absorber mounting stud and secured in the circular recessed elastomer shock absorber retention cutout of the hanger.

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[c11] 11. The skateboard truck of claim 9, where the opposite mounting orifice of the elastomer shock absorber shall be inserted over and mounted to the opposite raised conically shaped elastomer shock absorber mounting stud and secured in the circular recessed elastomer shock absorber retention cutout of the hanger.

[c12] 12. The skateboard truck of claim 1, where the axle terminal end studs shall be tap threaded to appropriate size to accommodate the mounting standard skateboard wheels

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